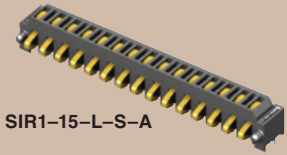


SIB-120-02-F-S



SIR1-15-L-S-A

(2,54 mm) .100"

SIB, SIR1 SERIES

ONE PIECE INTERFACES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SIB

Insulator Material: Black Liquid Crystal Polymer
Contact Material: Phosphor Bronze
Plating: Au or Sn over 50µ" (1,27 µm) Ni
Current Rating: 2.6 A per pin (1 pin powered per row)
Operating Temp Range: -55°C to +125°C
Normal Force: 111 grams (1,09 N) per contact
RoHS Compliant: Yes

Processing:
Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0,10 mm) .004" max (02-19) (0,15 mm) .005" max (20-30)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

SIB	1	NO. OF POSITIONS	02	PLATING OPTION	S	OPTION
02 thru 30 (Per Row)			-F = Gold flash on contact, Matte Tin on tail		-LC = Locking Clip (Manual placement required)	

Note: The SIB Series is intended for vertical mating only.

Note: Some sizes, styles and options are non-standard, non-returnable.

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SIR1

Insulator Material: Black LCP
Contact Material: Phosphor Bronze
Plating: Au or Sn over 50µ" (1,27 µm) Ni
Current Rating: 2.8 A per pin (1 pin powered per row)
Weld Tab: Phosphor Bronze
RoHS Compliant: Yes

Processing:
Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0,10 mm) .004" max

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

SIR1	NO. OF POSITIONS	PLATING OPTION	S	OPTION
-03, -05, -10, -15 (Per Row)		-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail -S = 30µ" (0,76 µm) Gold on contact, Matte Tin on tail	-A = Alignment Pin -K = (4,00 mm) .157" DIA Polyimide Film Pick & Place Pad -TR = Tape & Reel	

Note: Some sizes, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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